

***FlyBy Math™* Alignment to
Wyoming Mathematics Content and Performance Standards
Adopted July 7, 2003**

Content Standard 2: Geometry

Students apply geometric concepts, properties, and relationships in problem-solving situations.

Benchmark	<i>FlyBy Math™</i> Activities
3. Students communicate the reasoning used in identifying geometric relationships in problem-solving situations appropriate to grade level.	--Explain and justify solutions regarding the motion of two airplanes using the results of plotting points on a schematic of a jet route, on a vertical line graph, and on a Cartesian coordinate system.

Content Standard 3: Measurement

Students use a variety of tools and techniques in measurement in a problem-solving situation.

Benchmark	<i>FlyBy Math™</i> Activities
1. Students apply estimation and measurement of length to content problems and convert within the U.S. customary (in, ft, yd, mi) and within the metric system (mm, cm, m, km).	--Calculate and measure the position and time of simulated aircraft. Represent that motion using tables, graphs, equations, and experimentation. --Predict outcomes and explain results of mathematical models and experiments.

Content Standard 4: Algebra

Students use algebraic methods to investigate, model, and interpret patterns and functions involving numbers, shapes, data, and graphs in a problem-solving situation.

Benchmark	<i>FlyBy Math™</i> Activities
4. Students understand and use basic concepts of the coordinate system, including plotting points in all four quadrants.	--Plot points on a schematic of a jet route, on a vertical line graph, and on a Cartesian coordinate system to describe the motion of two airplanes.